

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Inventor(s): Dollard

Assignee: Cisco Technology, Inc.

Patent No: 7,072,411

Issue Date: July, 4, 2006

Application No.: 10/004,567

Filed: December 4, 2001

Title: COMPUTATION REDUCTION IN OFDM  
SYSTEM USING FREQUENCY DOMAIN  
PROCESSING

---

**REQUEST FOR CERTIFICATE OF CORRECTIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

The above patent contains significant error(s) as indicated on the attached Certificate of Correction form (submitted in duplicate).

  X   Such error(s) arose through the fault of the Patent and Trademark Office. It is requested that the certificate be issued at no cost to the applicant.

However, if it is determined that the error(s) arose through the fault of applicant(s), please note that such error is of clerical error or minor nature and occurred in good faith and therefore issuance of the certificate of Correction is respectfully requested. The Commissioner is authorized to charge Deposit Account No. 50-0292 any required fee. A duplicate of this request is attached.

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In column 1, line 28, kindly change “of rewriting” to --of rewiring--.

In column 1, line 33, kindly change “business” to --businesses--.

In column 1, line 34, kindly change “business” to --businesses--.

In column 3, line 55, kindly change “invention herein” to --inventions herein--.

In column 3, line 64, kindly change “signal spectrum” to --signal spectrums--.

In column 4, line 60, kindly change “frequency domain as” to --frequency domain at--.

In column 4, line 62, kindly change “side spectrum” to --wide spectrum--.

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In column 7, kindly change the formula starting after line 9, from

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$$\begin{aligned} X_r(n) &= \left[ \frac{R(n)}{2} + \frac{R(N-n)}{2} \right] + \cos\left(\frac{\pi n}{N}\right) \left[ \frac{I(n)}{2} + \frac{I(N-n)}{2} \right] - \sin\left(\frac{\pi n}{N}\right) \left[ \frac{R(n)}{2} - \frac{R(N-n)}{2} \right] \\ X_i(n) &= \left[ \frac{I(n)}{2} + \frac{R(N-n)}{2} \right] - \sin\left(\frac{\pi n}{N}\right) \left[ \frac{I(n)}{2} + \frac{I(N-n)}{2} \right] - \cos\left(\frac{\pi n}{N}\right) \left[ \frac{R(n)}{2} - \frac{R(N-n)}{2} \right] \end{aligned}$$

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Respectfully Submitted,

July 12, 2006  
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/Dov Rosenfeld/ # 38687  
Dov Rosenfeld, Reg. No. 38687  
Agent of Record.

Address for correspondence:

Dov Rosenfeld  
5507 College Avenue, Suite 2,  
Oakland, CA 94618  
Tel.(510) 547-3378; Fax: (510) 291-2985

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Tel.(510) 547-3378; Fax: (510) 291-2985

(Also Form PTO-1050)

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Page 1 of 4

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In column 10, line 50, kindly change "subchannels on" to --subchannels of--.

In column 10, line 54, kindly change "valued using" to --valued series using--.

In column 11, line 35, kindly change " $x(2k) = y_r(k)$ ,  $x(2k+1) = y_r(k)$ " to -- $x(2k) = y_r(k)$ ,  $x(2k+1) = y_i(k)$ --.

In column 11, line 37, kindly change "complete point" to --complex point--.

In column 14, line 10, kindly change "code converts" to --code that converts--.

In column 14, line 13, kindly change "including code for" to --including code for:--.

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